(19) World Intellectual Property Organization

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- (71) Applicant (for all designated States except US): SHOWA DENKO K.K. [JP/JP]; 13-9, Shiba Daimon 1-chome, Minato-ku, Tokyo 105-8518 (JP).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): KAMATA, Hirotoshi [JP/JP]; c/o Corporate R & D Center, Showa Denko K.K., 5-1, Ogimachi, Kawasaki-ku, Kawasaki-shi, Kanagawa 210-0867 (JP). MORINAKA, Katsutoshi [JP/JP]; c/o Corporate R & D Center, Showa Denko K.K., 5-1, Ogimachi, Kawasaki-ku, Kawasaki-shi, Kanagawa 210-0867 (JP). UCHIDA, Hiroshi [JP/JP]; c/o Corporate R & D Center, Showa Denko K.K., 5-1, Ogimachi, Kawasaki-ku, Kawasaki-shi, Kanagawa 210-0867 (JP).

(74) Agent: OHEI, Kunihisa; Ohei Patent Office, Selva-Ningyocho 6F, 14-6, Nihonbashi-Ningyocho, 2-chome, Chuo-ku, Tokyo 103-0013 (JP).

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(54) Title: (METH) ACRYLOYL GROUP-CONTAINING OXETANE COMPOUND AND PRODUCTION METHOD THEREOF

$$= \bigvee_{O}^{R^1} A - NH - O - R^3 R^4$$

$$O - R^3 R^4$$

$$O - R^3 R^4$$

$$O - R^3 R^4$$

$$= \bigwedge_{O}^{R^1} A - NCO$$
 (5)

$$R^3$$
 R^4 (6)

(57) Abstract: The present invention relates to an oxetane compound containing a (meth)acryloyl group represented by formula (1) having a high copolymerizability with compounds containing a (meth) acryloyl group, and to a production method of an oxetane compound containing a (meth) acryloyl group which is characterized by reacting an isocyanate compound having a (meth) acryloyl group represented by formula (5) with an oxetane compound containing a hydroxyl group represented by formula (In the formula, R1 represents a hydrogen atom or a methyl group, A represents -OR2- or a bond, R2 represents a divalent hydrocarbon group which may contain an oxygen atom in the main chain, R3 represents a linear or branched alkylene group having 1 to 6 carbon atoms, and R4 represents a linear or branched alkyl group having 1 to 6 carbon atoms.)